MEMO

DATE:

January 3, 2008

TO:

Community, Economic and Human Development Committee

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FROM:

Lynn Harris, Manager of Community Development

SUBJECT:

2008 RTP Strategic Growth Opportunity Areas

BACKGROUND:

During the 2008 Regional Transportation Plan (RTP) process, SCAG expanded its transportation modeling capability to include an analysis of short trips, often made within Transportation Analysis Zones (TAZs), including walking and transit trips. As robust as it is SCAG's transportation model is focused on measuring likely trips between TAZs and has limited capability to estimate shorter, often non-auto trips. The technique for measuring these intrazonal trips has been nicknamed a 4D Analysis. The 4D Model analyzes an area's mix of land uses, density and access to transit in order to predict the additional transportation efficiencies of compact communities where residents can meet many of their needs within a short walk or transit ride or even through a "park once" district or area. The 4D Analysis quantifies walkability improvements, increases in transit access, and reductions in driving, primarily through Vehicle Miles Traveled (VMT).

Using the results of the 4D Analysis, it is possible to identify cities, and more importantly, specific areas within cities, that could realize transportation benefits as a result of land use patterns depicted in the Draft 2008 RTP Policy Alternative. The analysis reveals that many areas in the SCAG region could experience improvements in walkability, transit access and VMT under the Draft 2008 RTP Policy Alternative when compared to the Draft Baseline Alternative, which is intended to portray a "business as usual" growth scenario.

SCAG requested that the consultants Fregonese Associates (FA) determine which areas achieved the greatest benefit over Baseline from the land use changes in the Policy Alternative. The process involved several steps to complete. First, the mixed use areas in the Policy Alternative were highlighted for analysis. Second, the results of the 4D analysis were used to identify mixed use areas with strong potential. Third, the scores for each 4D indicator were standardized and combined into a composite score. The 4D indicators include walk opportunity, transit access, VMT reductions and housing density increases. Finally, cities were ranked based on the composite 4D score of areas within their boundaries.

The most significant benefits over Baseline are in communities that currently have limited mixed use development. The introduction of mixed use, main street or transit-oriented development in these areas could result in significant benefits.

This research can direct SCAG staff and consultants in recruiting efforts and site selection for future planning assistance through the Compass Blueprint program. Essentially, cities with areas that score well through this analysis can be seen as "best bang for the buck" opportunities, where direction of SCAG's planning assistance resources could potentially have the greatest benefit in helping to create local and regional transportation and quality of life improvements.



M E M O

Top 25 Cities based on a normalized, composite score for all 5 of the 4D indicators:

CITY
Anaheim
Apple Valley
Calimesa
Coachella
Commerce
Corona
El Segundo
Hesperia
Imperial
Indio
Irvine
Irwindale
La Quinta
Lancaster
Ontario
Palm Desert
Perris
Rancho Cucamonga
Rancho Mirage
San Bernardino
Santa Fe Springs
Simi Valley
Temecula
Torrance
Ventura



MEMO

Cities in the top 20 for at least 2 of the indicators:

City	# of indicators
Anaheim	3
Camarillo	2
Corona	2
Culver City	2
El Segundo	2
Hesperia	3
Imperial	3
Irwindale	3
Los Angeles	3
Moreno Valley	3
Ontario	3
Palm Desert	4
Rancho Cucamonga	2
Rancho Mirage	2
Rosemead	2
San Bernardino	4
San Clemente	2
Santa Fe Springs	2
Yucca Valley	2
San Buenaventura	3

FISCAL IMPACT:

Work associated with revised Strategic Opportunities Areas is included in Compass Blueprint (065), Growth Forecasting (055) and Blueprint Planning (290, 291) work elements.

Reviewed by:

Division Manager

Reviewed by:

Department Director

Reviewed by:

Chief Financial Officer



Table 1 — Post-2010 Compass 2% Strategy Opportunity Areas Summary Matrix

bregion	City		City		BRT	API	PRIA	CP
oyo Verdugo	Burbank	X		X			Х	
ies	Glendale	Х		Χ			Х	
	La Canada Flintridge							Х
achella Valley	Blythe							X
sociation of	Cathedral City							X
vernments	Coachella							X
	Desert Hot Springs							X
	Indian Wells							X
	Indio							X
	La Quinta							Х
	Palm Desert		Х					
	Palm Springs		Х			X		
	Rancho Mirage							X
teway Cities	Artesia							X
	Avalon							Х
	Bell				X			
	Bell Gardens				Х			
	Bellflower							
	Cerritos		Х			v		
	Commerce			X	X :	Х		
4	Compton			Χ			ijΧ.	
	Cudahy			.				X
116	Downey			X				
	Hawaiian Gardens				70			Х
	Huntington Park				Х		Х	
	La Habra Heights							X
	La Mirada							X
	Lakewood							X
	Long Beach	X		Х		Χ	Х	
	Lynwood			Х	X			
	Maywood							Х
	Norwalk			<u>X</u>				
	Paramount							X
	Pico Rivera							X
	Santa Fe Springs			Х				
	Signal Hill							X
	South Gate				X			
	Vernon				X			
	Whittier							X
perial Valley	Brawley							X
sociation of	Calexico					Х		
overnments	Calipatria							X
	El Centro		Х					
	Holtville							Х
	Imperial							Х
	Westmorland							<u> </u>
s Angeles City	Los Angeles	X		Х	Χ	Х	Х	



ubregion	City	Metro	City	Rail	BRT	API	PRIA	CP
as Virgenes	Agoura Hills							Χ
alibu Council	Calabasas							Χ
Governments	Hidden Hills							Χ
	Malibu							Χ
	Westlake Village							Х
Los Angeles	Lancaster		Χ	Χ			X	
ounty	Palmdale		X	Χ		Χ.	X	
	Santa Clarita		Χ	Χ			X	
range County	Aliso Viejo							Χ
ouncil of	Anaheim	Χ		Χ			Х	
overnments	Brea		Χ					
	Buena Park			Χ				
	Costa Mesa					Χ	X	
	Cypress						X	
100	Dana Point							Х
10.11	Fountain Valley							X
	Fullerton			Χ				
	Garden Grove						Х	
1	Huntington Beach		X					
1.5	Irvine	X		Χ				
	La Habra							Х
	La Palma							Х
	Laguna Beach							Х
	Laguna Hills							X
	Laguna Niguel			Χ				
	Laguna Woods							Х
	Lake Forest							Х
	Los Alamitos							Х
	Mission Viejo							Х
	Newport Beach						X	
	Orange			Χ				
	Placentia							X
	Rancho Santa Margarita							Х
	San Clemente			Х				
	San Juan Capistrano			Χ		41.6		
	Santa Ana	Х		Χ		X	Х	
	Seal Beach							Χ
	Stanton							X
	Tustin			Χ				
	Villa Park							X
	Westminster						Х	
	Yorba Linda			Х				
an Bernardino	Adelanto							Х
ssociated	Apple Valley							X
overnments	Barstow					Χ		
	Big Bear Lake							Х
	Chino							X
	Chino Hills							X



Subregion San Bernardino	City Colton	Metro	City	Rail	BRT	API	PRIA	CP X
ssociated	Fontana			Χ				
Sovernments	Grand Terrace							Χ
Continued)	Hesperia							Х
	Highland							Χ
	Loma Linda							Χ
	Montclair			Χ				
	Needles							X
440	Ontario	Х		X		Χ	X	
	Rancho Cucamonga			X				
	Redlands			X				
	Rialto			X				
	San Bernardino	Χ		Х		Χ	Х	
	Twentynine Palms							Х
1.0	Upland			X				
	Victorville		Х	Χ .		Х		
134	Yucaipa							X
	Yucca Valley							Х
outh Bay Cities	Carson						X	
ouncil of	El Segundo			X			ĮΧ	
iovernments	Gardena				X			
	Hawthorne	134.5		X	Х		Х	
	Hermosa Beach	100					X	
	Inglewood			X	×X	X	X	
	Lawndale							X
	Lomita							X
	Manhattan Beach							X
4	Palos Verdes Estates							Х
	Rancho Palos Verdes							X
	Redondo Beach		X	X	X		Х	
	Rolling Hills						A.	X
	Rolling Hills Estates							X
4.47	Torrance						X	
San Gabriel	Alhambra							X.
/alley Council 🕒	Arcadia			Χ				
f Governments :	Azusa			Х			Х	
	Baldwin Park			Χ				
	Bradbury							Χ
	Claremont			X				
	Covina			X				
	Diamond Bar							Χ
	Duarte			Χ				
1	El Monte			Χ			Х	
	Glendora			Х				
	Industry			Χ		X		
	Irwindale			X		X		
	La Puente							Х



Subregion San Gabriel	City Monrovia	Metro	City	Rail X	BRT	API	PRIA	CP
Valley Council	Montebello			Χ				
of Governments	Monterey Park						Χ	
(Continued)	Pasadena		Х	Χ			Х	
	Pomona			Χ			X	
	Rosemead						X	
	San Dimas			Χ				
	San Gabriel							Х
	San Marino							Х
	Sierra Madre							Х
	South El Monte							Х
	South Pasadena			Χ				
	Temple City							Х
	Walnut							X
	West Covina			X				
Ventura Council	Camarillo			X		70.1	X	
of Governments	Fillmore							X
	Moorpark			X				
	Ojai							X
	Oxnard			Χ		X		
	Port Hueneme					Χ		
	San Buenaventura		Х	Χ				
	Santa Paula							Х
	Simi Valley			Χ				
	Thousand Oaks							\mathbf{x}
Westside Cities	Beverly Hills			Χ	Χ			
	Culver City			Χ			X	
	Santa Monica		Χ	Χ	Χ		Х	
44.	West Hollywood				X		X	
Western Riverside	2 V O 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							X
Council of	Beaumont							X
Governments	Calimesa							Х
	Canyon Lake							Х
	Corona			Χ	Х		X	
	Hemet		Х	Χ				
	Lake Elsinore							Х
	Moreno Valley				Х		Х	
	Murrieta				*			X
	Norco							X
	Perris			Χ				
	Riverside		X		Χ		X	
	San Jacinto		Х	Х				
	Temecula							X

<u>Legend</u>

Metro: Metro Center

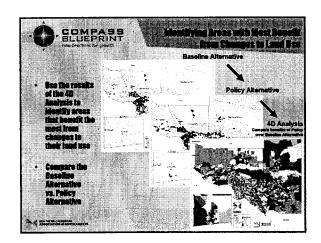
Rail:

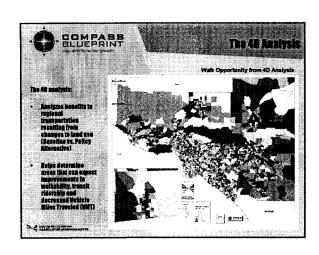
Rail Transit Stops Airports, Ports, & Industrial Centers Compass Principles Priority Areas API:

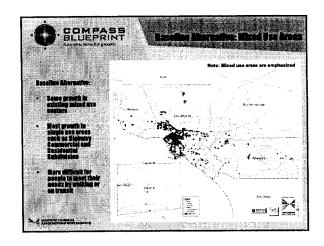
CP:

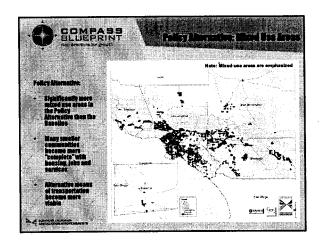
City Center Bus Rapid Transit Corridor Priority Residential In-fill Areas City: BRT: PRIA:

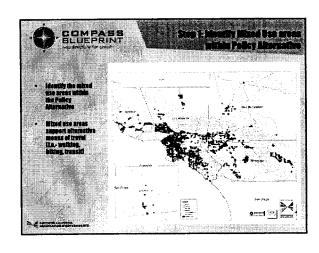


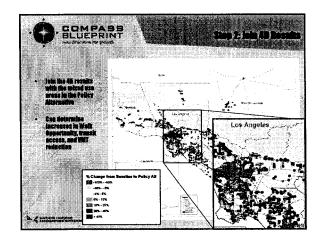


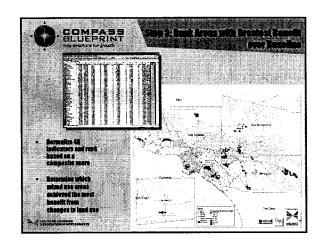


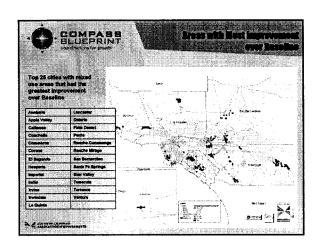












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